

Multiple Installation Variegated Generators for Fossil Fuel- and Electric-powered Vehicles

BACKGROUND OF THE INVENTION

1) FIELD OF THE INVENTION

5 The invention herein relates to multiple installation variegated generators
for fossil fuel- and electric-powered vehicles comprised of a plurality of different
type generator units mounted at various areas on a vehicle that supplement the
power supply of the vehicle, with the generators producing more electricity as the
speed of a vehicle so-equipped increases; as such, the present invention is capable
10 of providing even more additional electricity to supplement the power supplies of
fossil fuel- and electric-powered vehicles such that they comply with future
environmental protection goals.

2) DESCRIPTION OF THE PRIOR ART

15 As the ozone layer continues to grow thinner, the accompanying greenhouse
effect has had a serious impact on the environment, with the air polluting emissions
of automobiles and motorcycles cited as among the leading causes of the
phenomenon; as a result, electric-powered vehicles that do not utilize fossil fuels
have become a trend; conventional electric-powered vehicles rely on storage
battery-energized motors for operation and supplementing the electricity consumed

is problematic; storage batteries are expensive, heavy, and a large quantity of them must be utilized and, furthermore, since the electricity in storage batteries is gradually consumed during usage, after an electric-powered vehicle is driven a certain distance, the batteries require recharging if operation is to be continued; as
5 such, electric-powered vehicles not only have a short driving range, but are relatively heavy vehicles; furthermore, electric-power vehicles are high priced and widespread usage will prove difficult. The generator units of the invention herein are generators of different types that are capable of utilization on vehicles having fossil fuel engines, vehicles having fossil fuel engine and electric motor hybrid
10 systems, and vehicles having electric motors.

SUMMARY OF THE INVENTION

The primary objective of the invention herein is to provide multiple installation variegated generators for fossil fuel- and electric-powered vehicles comprised of a plurality of different type generator units mounted at various areas
15 on a vehicle that supplements the power supply of the vehicle, wherein the propeller-type generator units and, the turbine-type generator units utilize the force of oncoming wind when a vehicle so-equipped is proceeding forward such that the rotation of the spinning propeller and turbine blades is transferred to generators that output electricity; the rolling wheel-type generator units consists of installing

an additional fifth wheel, sixth wheel, seventh wheel, and eighth wheel (comprising a dedicated generator roller wheel set) on any of the main wheel axles disposed on the vehicle undercarriage such that by circumvolution around the axle when the vehicle is proceeding forward, the additionally installed wheels rotate
5 generators to produce electricity; a matching rectifier center situated at an appropriate area of the vehicle caches the electric power produced by each generator unit and, following accumulation, directly supplies electricity to the vehicle or recharges its storage battery; furthermore, since the generator units rotate faster as the speed of the vehicle increases, a greater amount of electricity is
10 generated and, as such, save energy and minimize pollution.

Another objective of the invention herein is to provide multiple installation variegated generators for fossil fuel- and electric-powered vehicles, wherein the generator units of the invention herein are installable on fossil fuel engine vehicles, fossil fuel engine and electric motor hybrid system vehicles, and electric motor
15 vehicles, wherein as utilized on fossil fuel engine vehicles, the hydrogen and oxygen broken down through distilled water electrolysis during power supply supplementation becomes the basis of hydrogen and oxygen fuel cell that can drive a motorized compressor system conditional for an enhanced compression fossil fuel engine; when utilized on fossil fuel engine and electric motor hybrid system
20 vehicles, the power supply supplementation provides the electricity required by the

systems of the said vehicles such as electric motors and storage batteries.

To enable a further understanding of the structure, innovative features, functions, and other objective of the invention herein, the brief description of the drawings below are following by the detailed description of the invention herein.

5 **BRIEF DESCRIPTION OF THE DRAWINGS**

Figure 1 is an orthographic drawing of the propeller-type generator units of the invention herein.

Figure 2 is an orthographic drawing of the turbine-type generator units of the invention herein.

10 Figure 3 is an orthographic drawing the rolling wheel-type generator units of the invention herein.

Figure 3-A is an orthographic drawing the of the rolling wheel-type generator of the invention herein.

15 Figure 4 is an orthographic drawing of the various generators of the invention herein installed on a vehicle.

DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG. 1, FIG. 2, and FIG. 3, the structural arrangement of the invention herein is comprised of a plurality of different type generator units

mounted at various positions on a vehicle that supplement the power supply of the vehicle, in which:

The propeller-type generator units 1 consist of a plurality consecutively mounted in an array along the section of the vehicle facing into the wind (for example, along the roof or between and below the two front head lamps of the vehicle) such that when the vehicle is proceeding forward, the wind force transversely encountered spins the blades 11 which then rotate the generators 12 to produce electricity.

The turbine-type generator units 2 consist of first forming openings R1 in the engine hood R and then installing the turbine-type generator units 2 at the lower extent of the openings R1 with a portion of the turbine-type generator 21 blades 211 protruding out of the engine hood R such that when the vehicle is driven forward, wind current spins the blades 211 which then rotate the turbine-type generators 21 to produce electricity; in addition, openings Q can also be formed in the chassis, the turbine-type generators 21 are then mounted in the openings Q and, furthermore, with the blades 211 of the turbine-type generators 21 protruding from the lower extent of the chassis such that when the vehicle is driven forward, wind current spins the blades 211 which then rotate the turbine-type generators 21 to produce electricity.

The rolling wheel-type generator units 3 consist of installing an additional

0956948-093401
TOTAL 8469560

fifth wheel, sixth wheel, seventh wheel, and eighth wheel of a dedicated generator roller wheel set E on any of the main wheel axles (such as axle D1 of the wheels D) disposed on the vehicle undercarriage such that by circumvolution around the axle when the vehicle is proceeding forward, the additionally installed generator roller wheel set E rotates generators to produce electricity.

Additionally, a rectifier center 4 situated at an appropriate area of the vehicle catches the electric power produced by each generator units and, following accumulation, directly supplies electricity to the vehicle or recharges its storage battery; furthermore, since the generator units rotate faster as the speed of the vehicle increases, a greater amount of electricity is generated thereby and, as such, the multiple installation variegated generators for fossil fuel- and electric-powered vehicles of the invention herein saves energy and minimizes pollution.

Referring to FIG. 4, the drawing of an embodiment of the invention herein in which generator units are distributively installed at six areas of the vehicle, each said area has the same quantity of generator units mounted to provide for a larger volume of generated electricity.

The generator units of the invention herein are installable on fossil fuel engine vehicles, fossil fuel engine and electric motor hybrid system vehicles, and electric motor vehicles, wherein as utilized on fossil fuel engine vehicles, the hydrogen and oxygen broken down through distilled water electrolysis during

power supply supplementation becomes the basis of a hydrogen and oxygen fuel cell that can drive a motorized compressor system conditional for an enhanced compression fossil fuel engine; when utilized on fossil fuel engine and electric motor hybrid system vehicles, the power supply supplementation provides the

5 electricity required by the systems of the said vehicles such as electric motors and storage batteries.